

**REGULATED PRESSURE SUPPLY FOR A VARIABLE-
DISPLACEMENT REVERSIBLE HYDRAULIC MOTOR**

Abstract

5 A pressure-control device (20) includes a controllable variable-displacement reversible hydraulic motor (21) having a pressure port (22) and a return port (23); a source of pressurized fluid (P_s); a fluid return (R); and a pressure regulating valve (24) operatively interposed between the source, return and pressure port. The pressure regulating valve is operatively arranged to maintain a predetermined pressure at the pressure port regardless of the direction of flow through the pressure port.